

IN THE CLAIMS:

Please amend Claims 27, 28, 38, 46, 47, 50, 55, and 58 as shown below. A marked-up version showing the amendments is included in the attached APPENDIX. For the Examiner's convenience, all of the pending claims are presented below, regardless of whether the claim is currently being amended.

1. A data processing apparatus comprising:

data analysis means for extracting data control information from data provided with the data control information to be used for restricting various processes;

data processing means for performing various processes for the data added with the data control information;

display means for displaying a process function of each of the various processes to be executed by said data processing means; and

control means for controlling said data processing means and said display means in accordance with the data control information extracted by said data analysis means,

wherein said control means inhibits to execute an inhibited process in accordance with the data control information extracted from the data and controls said display means to change a display style of the process function of each of the various processes to an inhibition display style.

2. A data processing apparatus according to claim 1, wherein said control means controls said display means to display a notice that the data is provided with a process restriction.

3. A data processing apparatus according to claim 1, wherein said control means controls said display means to display a disabled execution when the inhibited process is selected.

4. A data processing apparatus according to claim 1, wherein said control means controls said display means to change a display color as the inhibition display style.

5. A data processing apparatus according to claim 1, wherein said control means controls said display means to blink a display as the inhibition display style.

6. A data processing apparatus according to claim 1, wherein the data control information includes copyright information or editing inhibition information based upon the copyright information.

7. A data processing apparatus according to claim 6, wherein the editing inhibition information includes at least one of color conversion, sharpness, transparency, boundary process, inversion, overlap, rotation, mask, insertion to photo frame, and mixture.

8. A data processing apparatus according to claim 6, wherein the editing inhibition information is information for stepwise restricting process contents in accordance with an editing inhibition level of the information.

9. A data processing apparatus according to claim 8, wherein said control means inhibits to execute an inhibited process in accordance with the editing inhibition level.

10. A data processing apparatus according to any one of claims 1 to 9, wherein the data is image data.

16. A data processing system comprising:

a data supplying apparatus for distributing data and corresponding data control information in response to a data distribution request; and

a data processing apparatus for restricting to executed an inhibited process in accordance with the data control information extracted from the data and controlling display means to determine a display style of a process function of each of various processes, wherein:

said data supplying apparatus comprises: storage means for storing and managing the data and data control information; registration means for registering the data and the data control information in said storage means; and data control information providing means responsive to the data distribution request for extracting the data control information corresponding to the data and adding the data control information to the data; and

said data processing apparatus comprises: data analysis means for extracting the data control information from the data provided with the data control information to be used for restricting the various processes; data processing means for performing the various processes for the data added with the data control information; display means for displaying a process function of each of the various processes to be executed by said data processing means; and control means for controlling said data processing means and said display means in accordance with the data control information extracted by said data analysis means,

wherein said control means inhibit to execute an inhibited process in accordance with the data control information extracted from the data and controls said display means to change a display style of the process function of each of the various processes to an inhibition display style.

17. A data processing system according to claim 16, wherein said control means controls said display means to display a notice that the data is provided with a process restriction.

18. A data processing system according to claim 16, wherein said control means controls said display means to display a disabled execution when the inhibited process is selected.

19. A data processing system according to claim 16, wherein said control means controls said display means to change a display color as the inhibition display style.

20. A data processing system according to claim 16, wherein said control means controls said display means to blink a display as the inhibition display style.

21. A data processing system according to claim 16, wherein the data control information includes copyright information or editing inhibition information based upon the copyright information.

22. A data processing system according to claim 16, wherein the data is image data.

23. A data processing system according to claim 16, wherein the data control information includes copyright information and a editing inhibition code based on the copyright information.

24. A data processing system according to claim 23, wherein the editing inhibition information includes at least one of color conversion, sharpness, transparency, boundary process, inversion, overlap, rotation, mask, insertion to photo frame, and mixture.

25. A data processing system according to claim 23, wherein the editing inhibition information is information for stepwise restricting process contents in accordance with an editing inhibition level of the information.

26. A data processing system according to claim 25, wherein said control means inhibits to execute an inhibited process in accordance with the editing inhibition level.

27. (Amended Twice) A computer readable storage medium storing a program for executing:

an extracting step of extracting data control information from data provided with the data control information to be used for restricting various processes; and

a display step of displaying a process function to be restricted in accordance with the data control information extracted by said extracting step, said display step displaying each process function in a display style corresponding to the restriction of that process function.

B1 28. (Amended Twice) A computer readable storage medium storing a program for executing:

a registration step of registering data and corresponding data control information;

a storage step of storing and managing the data registered at said registration step;

a provision step of extracting the data control information from the data and adding the data control information to the data, in response to a data distribution request, and

a displaying step of displaying a process function to be restricted in accordance with the extracted data control information, said displaying step comprising a step of changing a

B1 display style of the process function so as to display each process function in a display style corresponding to a restriction based on the data control information.

29. A computer readable storage medium according to claim 27 or 28, wherein the data is image data.

B2 38. (Amended Twice) A data processing apparatus comprising:
data processing means for processing data;
control means for regulating a process to be executed for the data by said data processing means in accordance with data control information which restricts execution of the process at a plurality of levels; and
display means for displaying a process function to be restricted in accordance with the data control information, said display means displaying each process function in a display style corresponding to the restriction based on the data control information.

39. A data processing apparatus according to claim 38, further comprising:
data requesting means for issuing a request for a distribution of the data to a data supplying apparatus;
extracting means for extracting presence information indicating a presence/absence of the control information added to the data distributed in response to the request; and

control information requesting means for requesting for the control information to the data supplying apparatus in accordance with the extracted presence information.

40. A data processing apparatus according to claim 39, further comprising display means for displaying the distributed data, presence information and control information.

41. A data processing apparatus according to claim 39, wherein said control information requesting means issuing the request as well as additional information on the data processing apparatus.

42. A data processing apparatus according to claim 38, further comprising transferring means for transferring registration information on the data processing apparatus to the data supplying apparatus.

43. A data processing apparatus according to claim 39, wherein the presence information is a data management number.

44. A data processing apparatus according to claim 39, wherein the presence information is a network address.

45. A data processing apparatus according to claim 38. wherein the data is image data.

46. (Amended Twice) A data processing system comprising:

a data supplying apparatus comprising distributing means responsive to a data distribution request for distributing data and data control information for restricting various processes to be performed for the data at a plurality of levels, to a distribution requesting side; and

BB a data processing apparatus comprising: data requesting means for issuing a request for a distribution of the data to the data supplying apparatus; data processing means for processing the data; control means for regulating the data processing to a level represented by the distributed control information; and display means for displaying a process function to be restricted in accordance with the data control information, said display means changing a display style of the process function so as to display each process function in a display style corresponding to the restriction based on the data control information.

47. (Amended Twice) A computer readable storage medium storing a program

executing:

a distributing step of distributing, in response to a data distribution request, data and data control information for restricting various processes to be performed for the data at a plurality of levels, to a distribution requesting side; and

a display step of displaying a process function to be restricted in accordance with the data control information, said display step comprising changing a display style of the process function so as to display each process function in a display style corresponding to the restriction based on the data control information.

48. A computer readable storage medium according to claim 47, wherein said distributing step includes a step of acquiring the data from storage means for storing the data and the control information, in response to the data distribution request, a step of checking a presence/absence of the control information corresponding to the acquired data, a step of distributing the acquired data provided with presence/absence information to the distribution requesting side, and a step of, in response to a control information request after the distribution, distributing the control information to the requesting side.

49. A computer readable storage medium according to claim 48, said program further executes a step of registering the data and the control information in said storage means in one-to-one correspondence.

50. (Amended Twice) A computer readable storage medium storing a program executing:

a step of processing data;

BU a step of regulating a process to be executed for the data by said data processing step in accordance with data control information which restricts execution of the process at a plurality of levels; and

a step of displaying a process function to be restricted in accordance with the data control information, said displaying step comprising displaying each process function in a display style corresponding to the restriction based on the data control information.

51. A computer readable storage medium according to claim 50, wherein the program further comprises:

a step of issuing a request for a distribution of the data to a data supplying apparatus;

a step of extracting presence information indicating a presence/absence of the control information added to the data distributed in response to the request; and

a step of requesting for the control information to the data supplying apparatus in accordance with the extracted presence information.

52. A computer readable storage medium according to claim 51, wherein the program further comprises a step of displaying the distributed data, presence information and control information.

53. A computer readable storage medium according to claim 48 or 51, wherein the presence information is a data management number.

54. A computer readable storage medium according to claim 48 or 51, wherein the presence information is a network address.

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executing:

55. (Amended Twice) A computer readable storage medium storing a program

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a step, to be executed at a data supplying apparatus, of distributing, in response to a data distribution request, data and data control information for restricting various processes to be performed for the data at a plurality of levels, to a distribution requesting side; and steps, to be executed at a data processing apparatus, of issuing a request for a distribution of the data to the data supplying apparatus, of processing the data, of regulating the data processing to a level represented by the distributed control information; and of displaying a process function to be restricted in accordance with the data control information, said displaying comprising changing a display style of the process function so as to display each process function in a display style corresponding to the restriction based on the data control information

56. A computer readable storage medium according to any one of claims 47, 50 and 55, wherein the data is image data.

57. A computer readable program for executing the steps of:
extracting data control information from data provided with the data control information to be used for restricting various processes;
performing various processes for the data added with the data control information;
displaying a process function of each of the various processes to be performed;
and
controlling the performing and the displaying in accordance with the extracted data control information,